

PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/759,734
				Filing Date	January 20, 2004
				First Named Inventor	GEPSTEIN Lior et al
				Art Unit	1632
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	27395

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AS	1	US-6,369,821	09-9-2002	Merril et al.	
AS	2	US-2002/0061587	05-23-2002	Anversa	

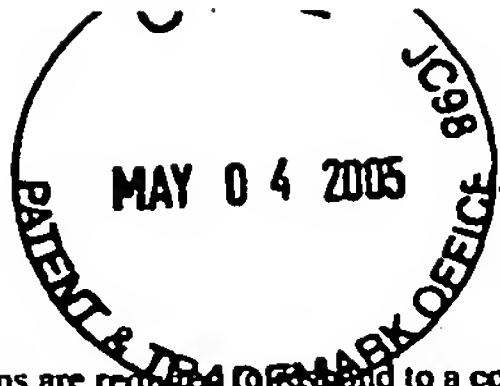
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
AS	3	PCT WO 03/008535	01-30-2003	Gepstein et al.		
AS	4	PCT WO 01/62899	08-30-2001	Thomson et al.		
Examiner Signature		/Anoop Singh/		Date Considered	10/03/2006	

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Sheet	2	Of	2	Attorney Docket Number	27395
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
AS	5	Itskovitz-Eldor et al. "Differentiation Of Human Emryonic Stem Cells Into Embryoid Bodies Comprising the Three Embryonic Germ Layers", Molecular Medicine, 6(2): 88-95. 2000. Esp. P. 92-93.			
	6	Heschler et al. "EstablishmentOf Ionic Channels AndSignalling Cascades In The Embryonic Stem-Cell Derived Primitive Ectoderm And Cardiovascular System". Cells Tissues and Organs, 165(3-4): 153-164, 1999.			
	7	Robbins et al. "Embryonic Stem Cells as A Model for Cardiogenesis", Trends in Cardiovascular Medicine, 2(2): 44-50, 1992.			
	8	Kehat et al. Long Term High-Resolutiion, Electrophysiological Assessment Of Human Embryonic Stem Cell Derived Cardiomyocytes: A Novel In Vitro Model For The Human Heart", Circulation, 1023(18, Suppl.II): 2-4, 2000. Abstract.			
	9	Baldwin et al. "Advances In Understanding The Molecular Regulation Of Cardiac Development", Current Opinion in Pediatrics, 11: 413-418, 1999.			
	10	Sanchez et al. "Iyosin Heavy Chain Gene Expression In Mouse Embryoid Bodies", Journal of Biological Chemistry, 266,(23): 22419-22426, 1991.			
	11	Schuldiner et al. "Effects of Eight Growth Factors on the Differentiation of Cells Derived From Human Embryonic Stem Cells", PNAS, 97(21): 11307-11312, 2000.			
	12	Maltsev et al. "Cardiomyocytes Diffentiated In In Vitro From Embryonic Stem Cells Developmentally Express Cardiac-Specific Genes And Ionic Currents", Circular Research,: 233-244, 1994.			
	13	Metzger et al. "Myosin Heavy Chain Expression in Contracting Myocytesw Isolated During Embryonic Stem Cell Cardiogenesis", Circular Research, 76: 710-719, 1995.			
	14	Klug et al. "Genetically Selected Cardiomyocytes From Differentiating Embryonic Stem Cells Form Stable Intracardiac Grafts", Journal of Clinical Investigation, 98(1): 216-224, 1996.			
AS	15	Kehat et al. "Human Embryonic Stem Cells Can Differentiate Into Myocytes With Structural And Functional Properties Of Cardiomyocytes", The Journal of Clinical Investigations, 108(3): 407-414, 2001.			

Signature	/Anoop Singh/	Considered	10/03/2006
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